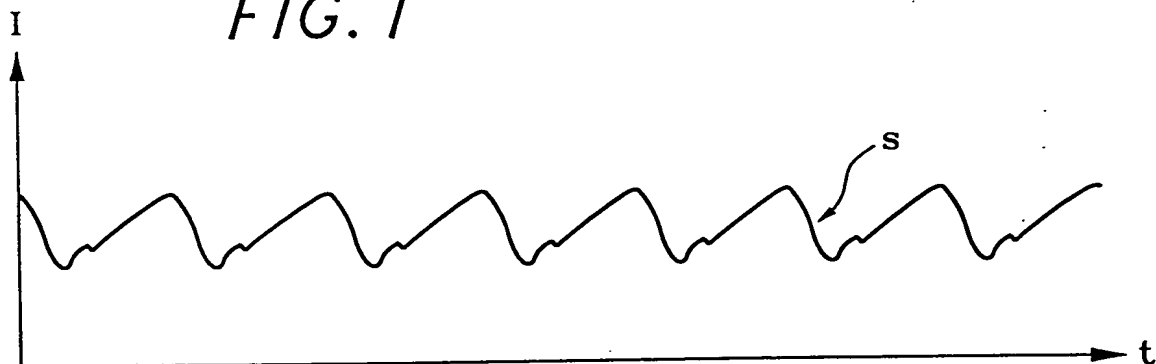


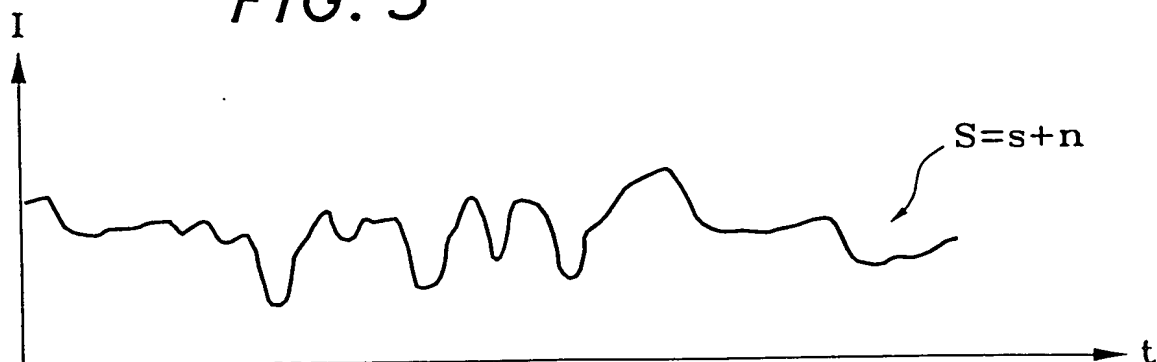
FIG. 1



BONE
MUSCLE
TISSUE
ARTERIAL BLOOD
VENOUS BLOOD

FIG. 2

FIG. 3



09111504-070798

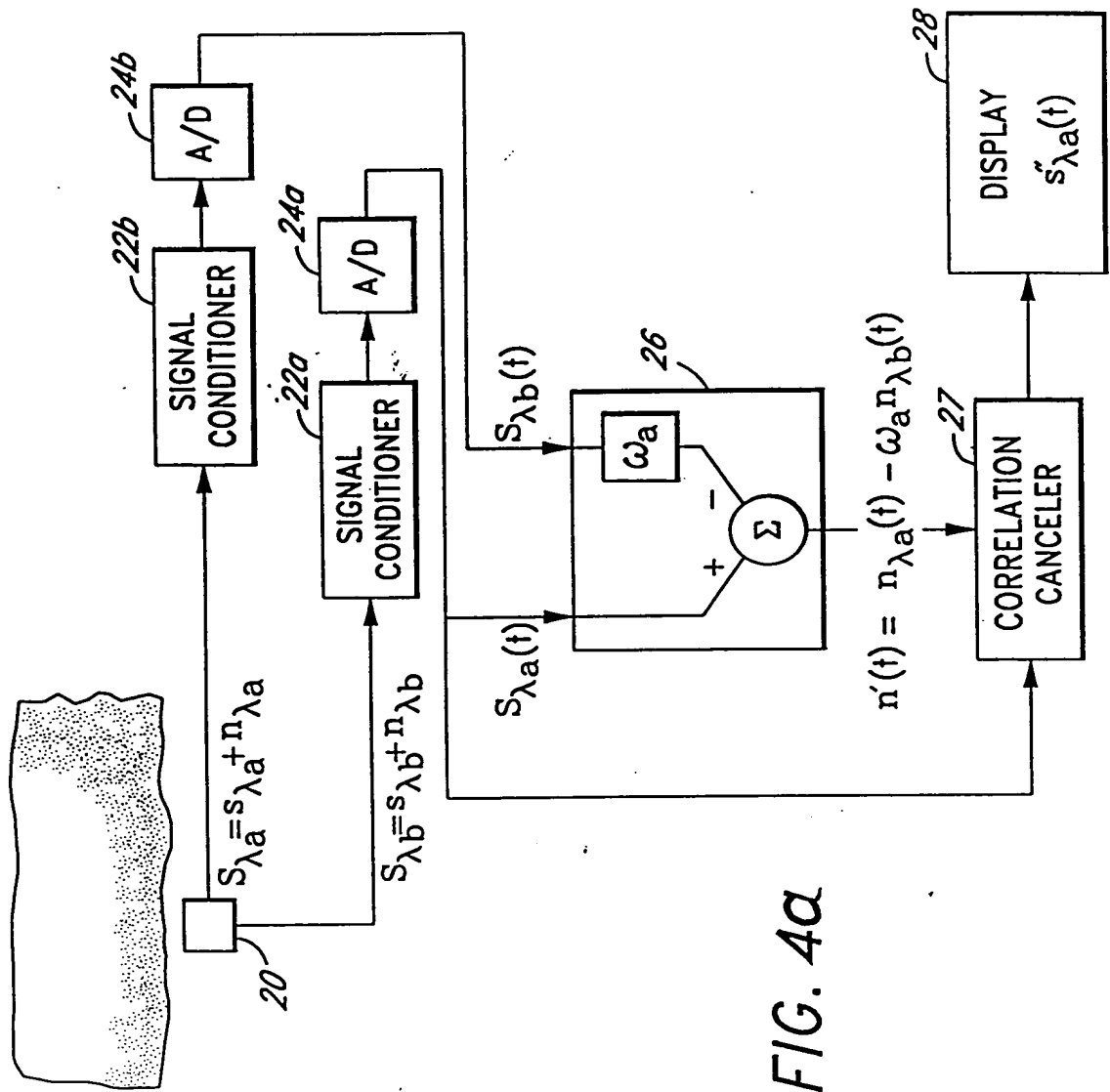


FIG. 4a

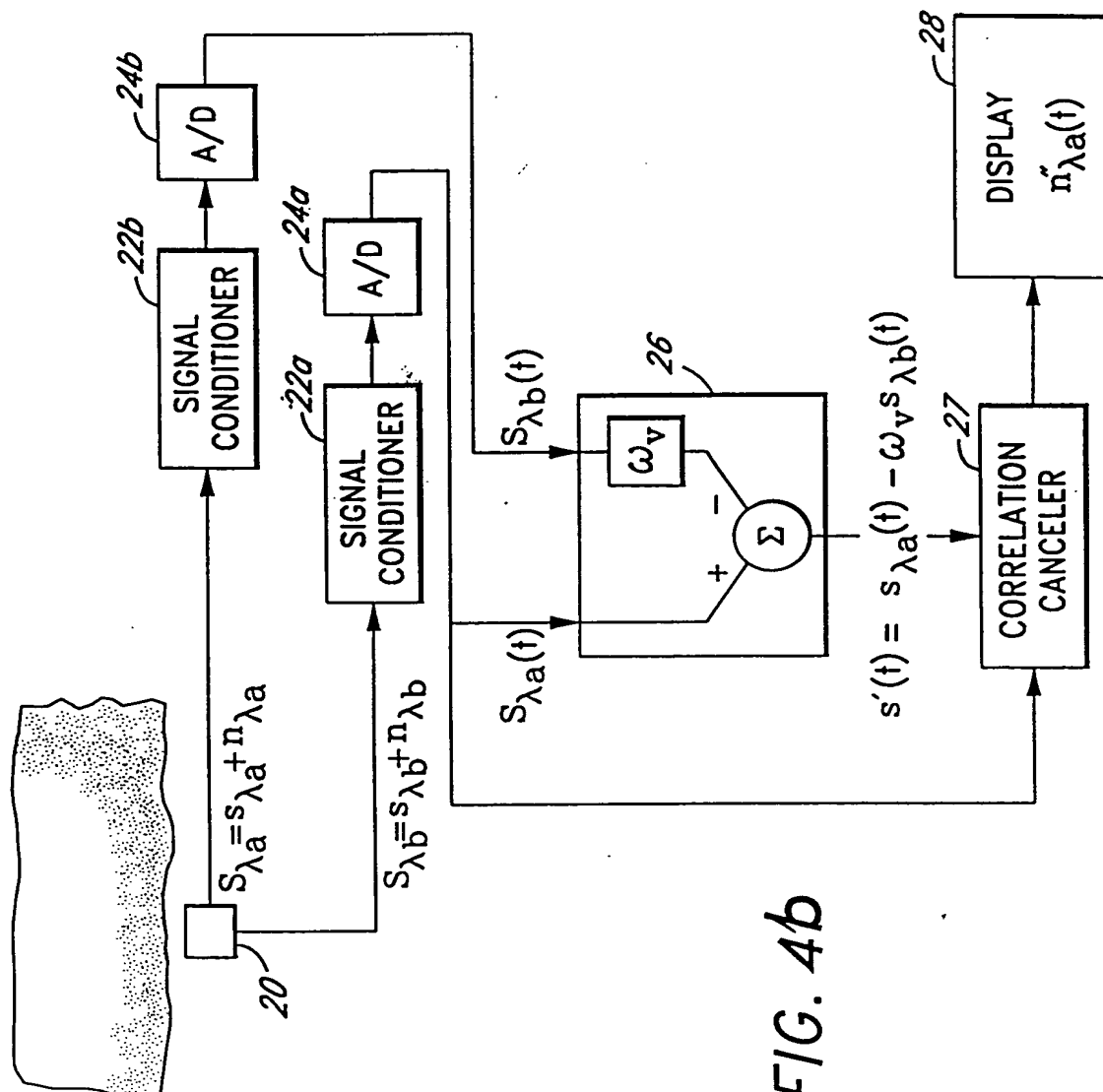


FIG. 4b

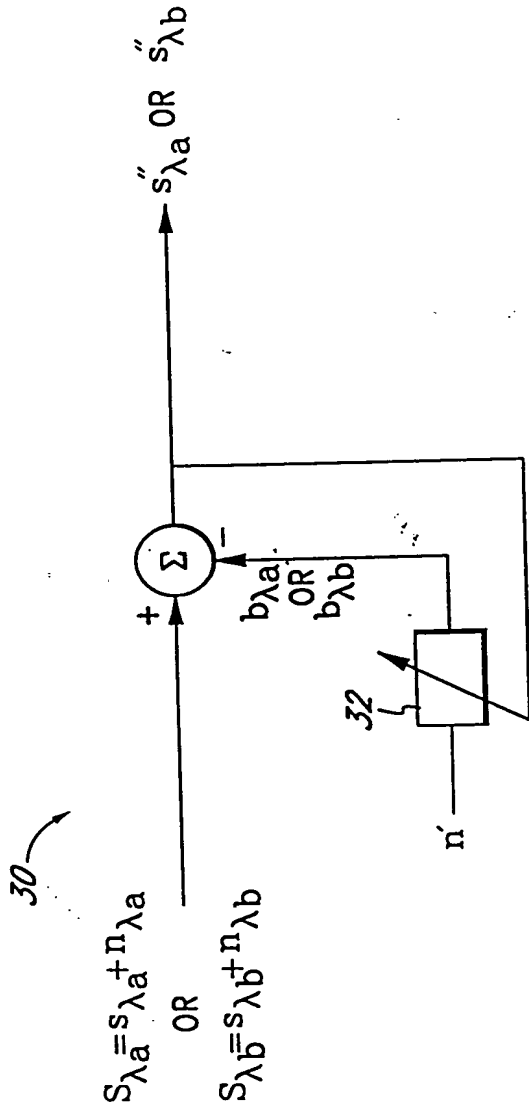


FIG. 5a

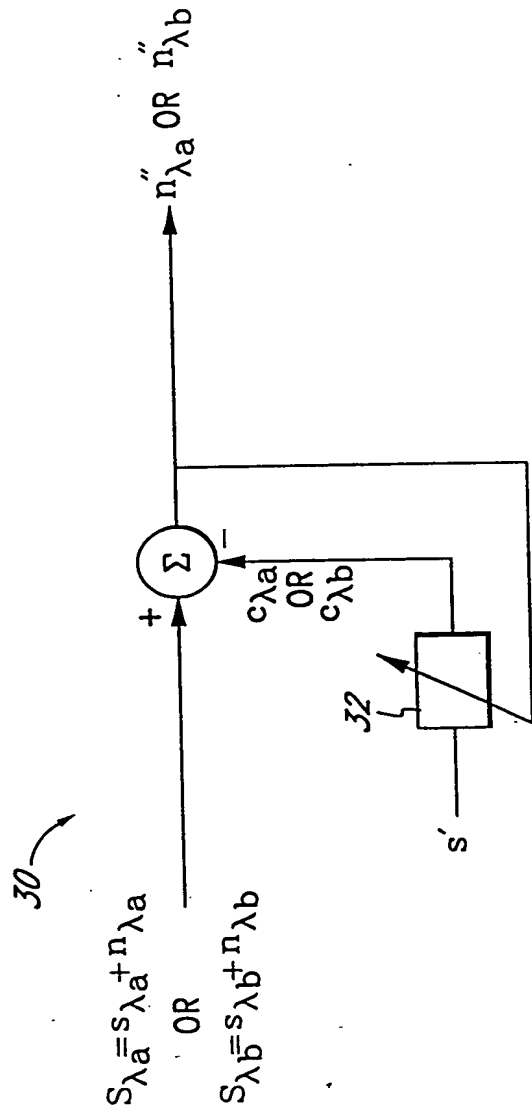


FIG. 5b

862020"409TT60

DATE	BY	CHKD	APPROVED

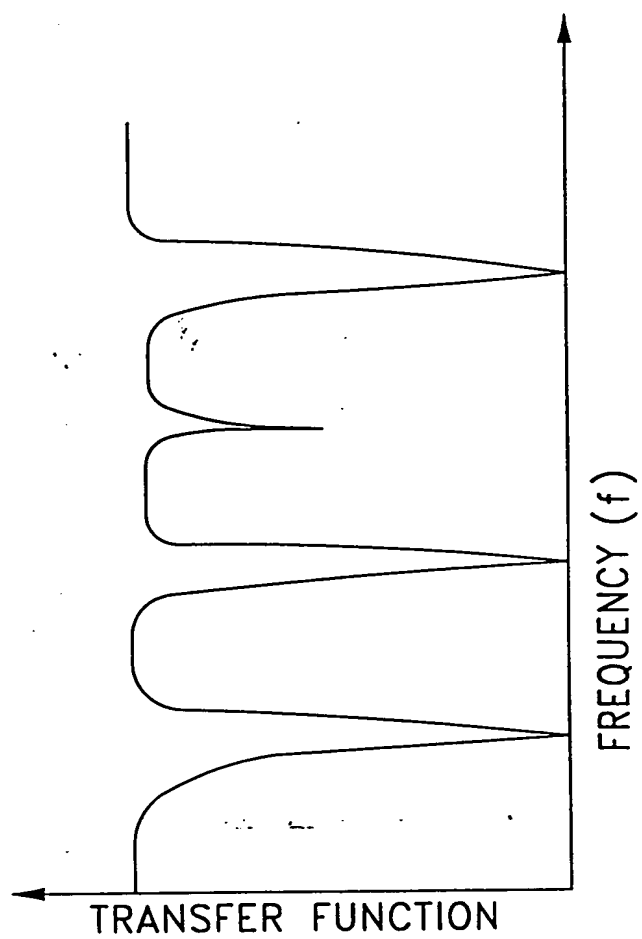


FIG. 5C

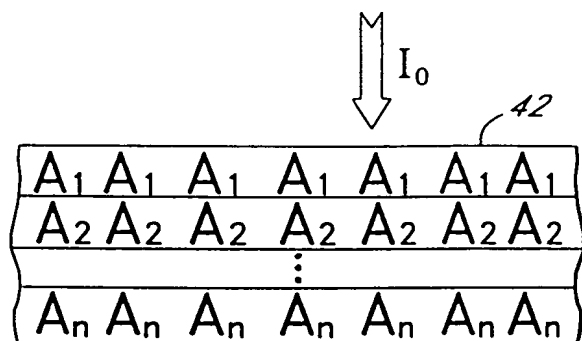


FIG. 6a

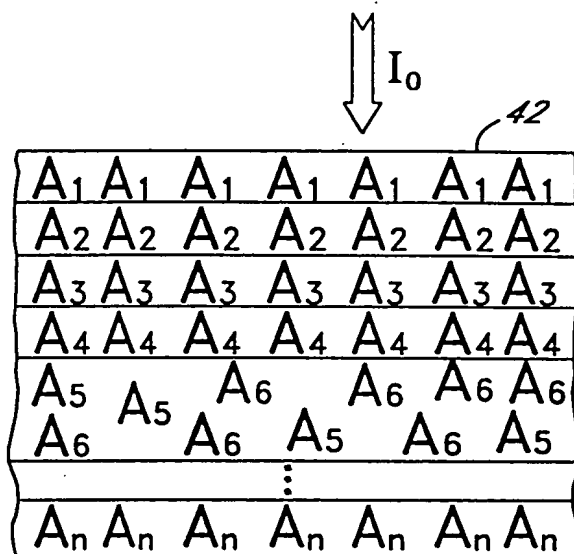


FIG. 6b

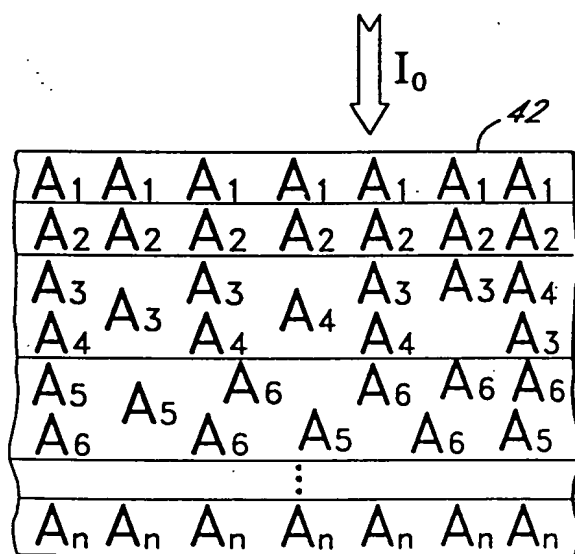


FIG. 6c

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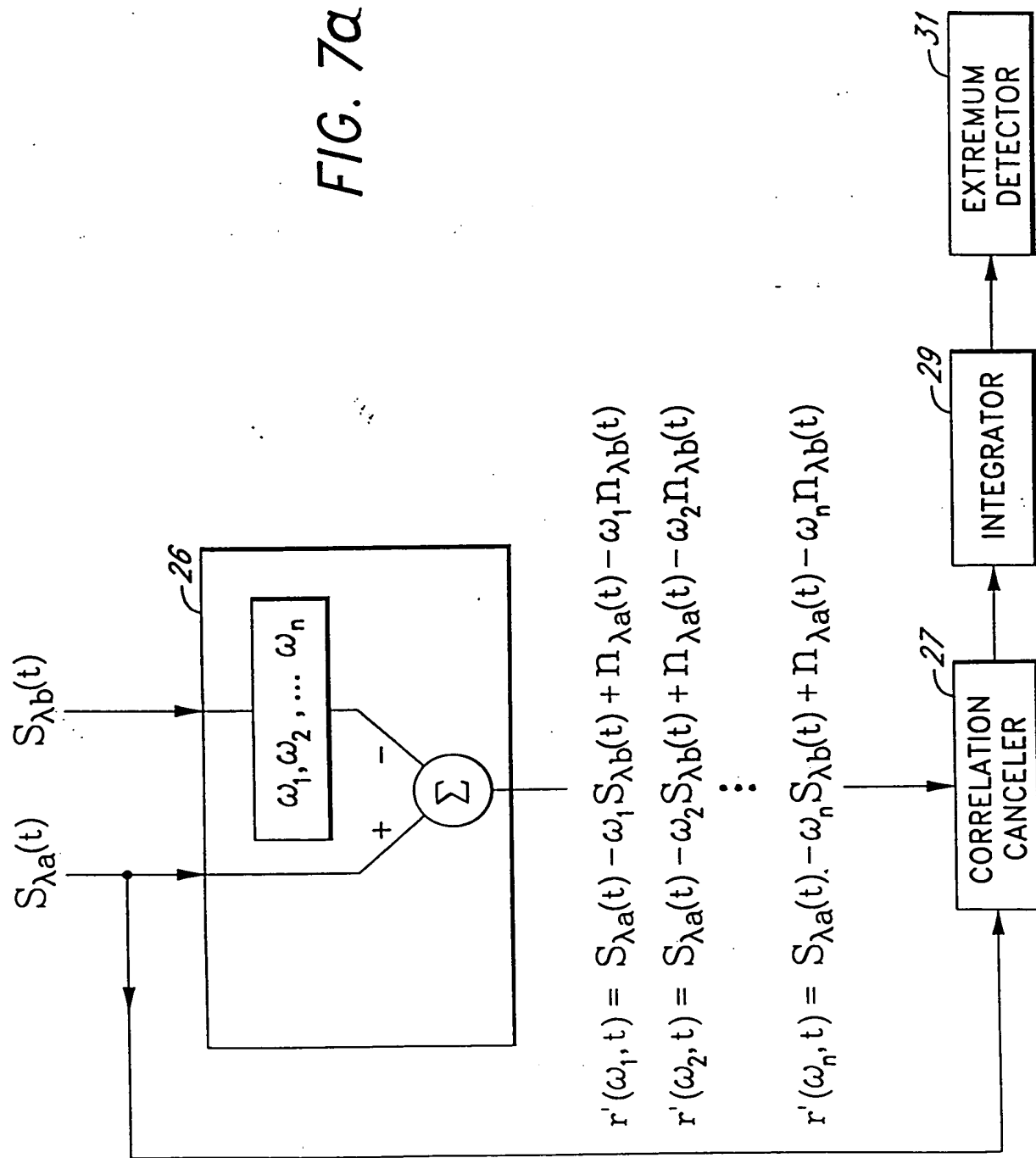
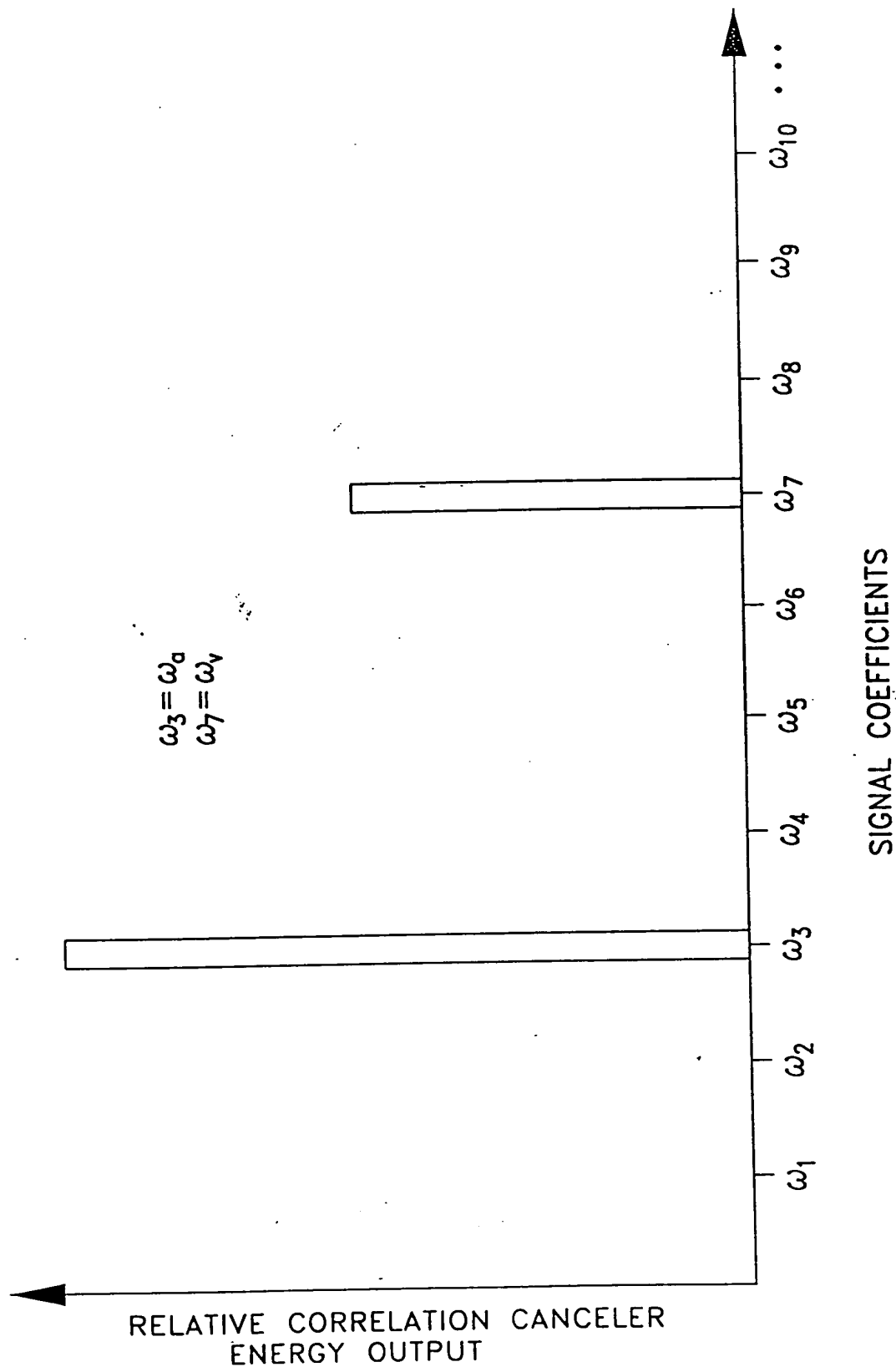


FIG. 7b



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FIG. 7C

$\omega_3 = \omega_0$
 $\omega_7 = \omega_v$

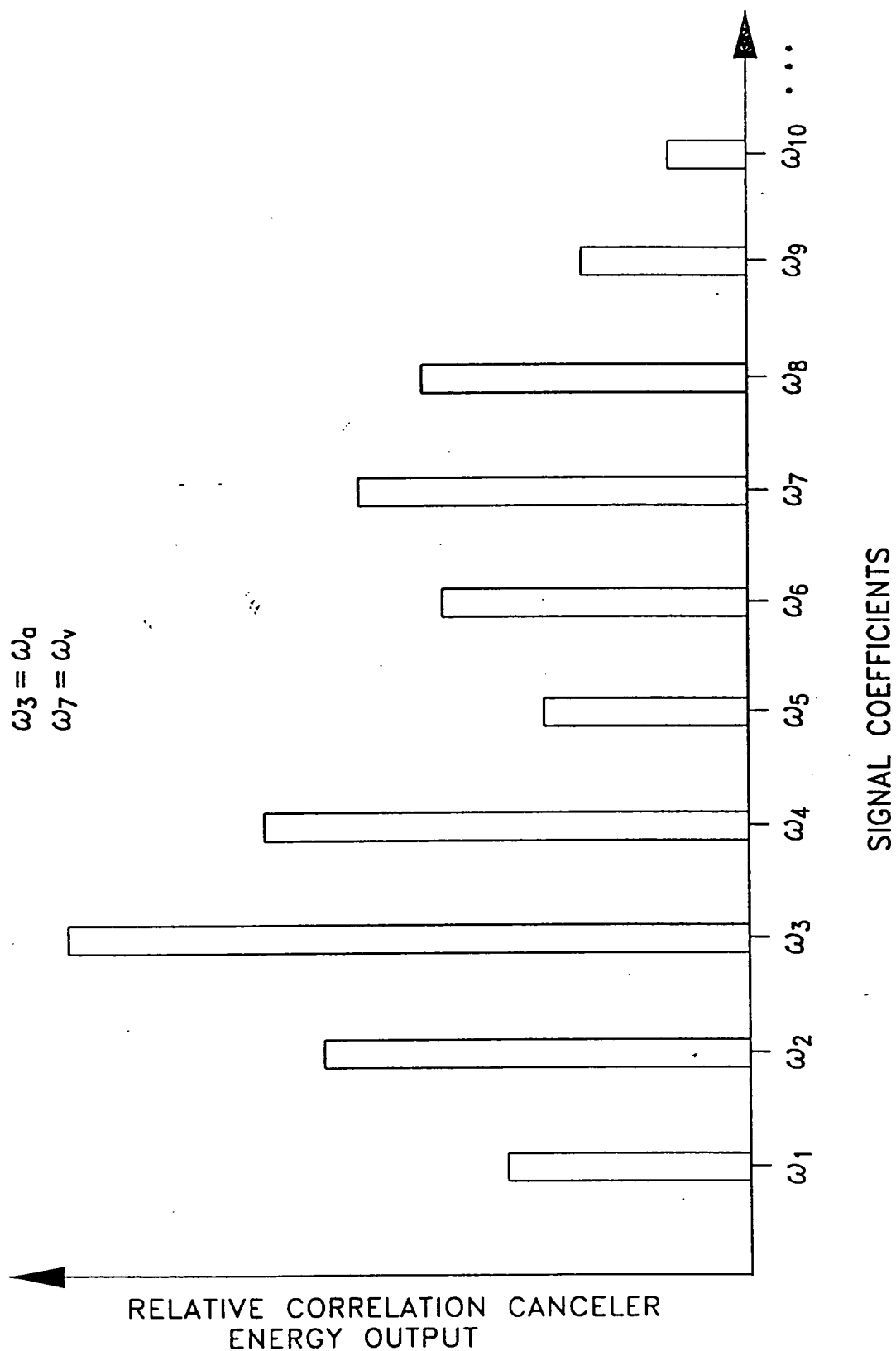
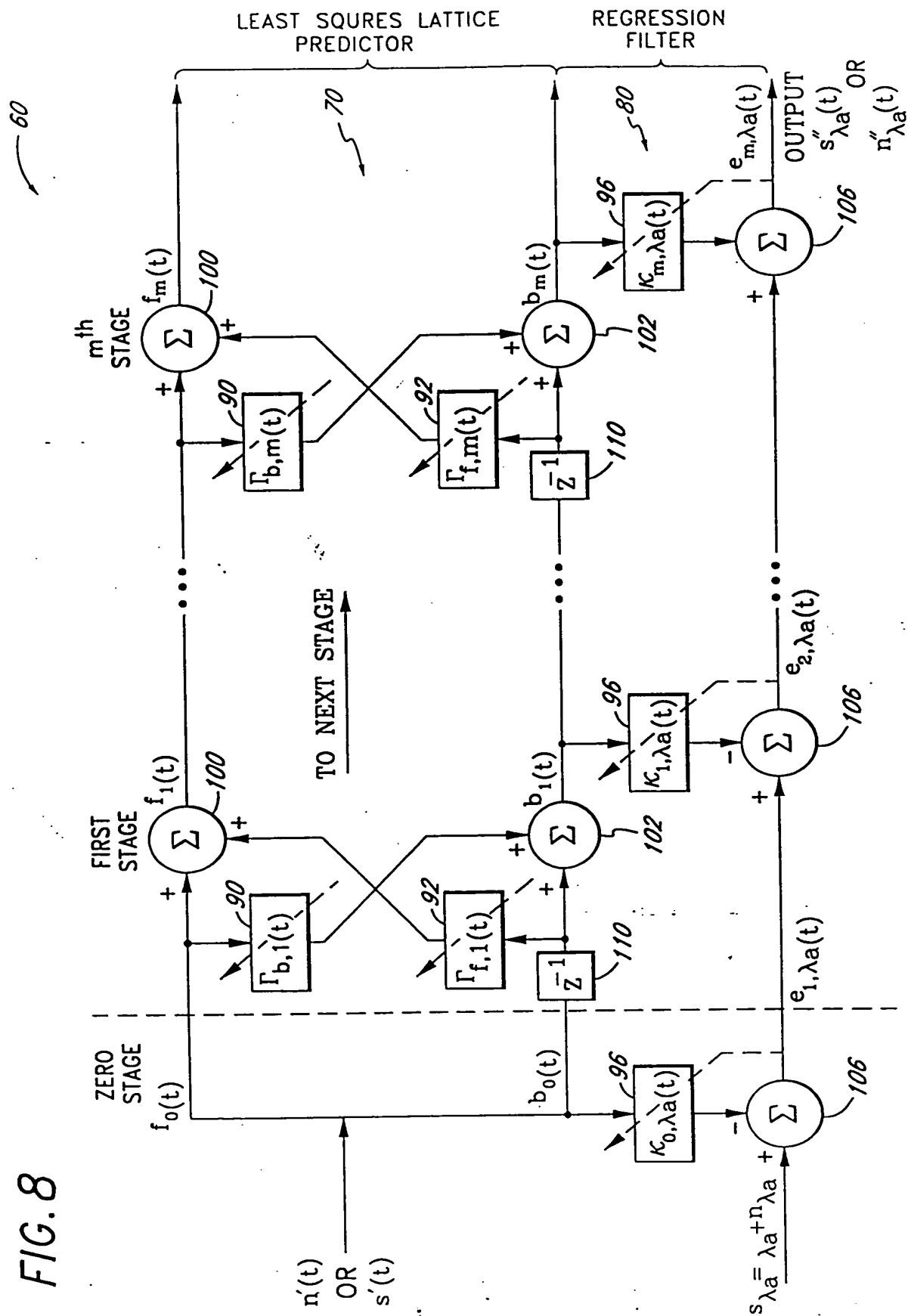


FIG. 8



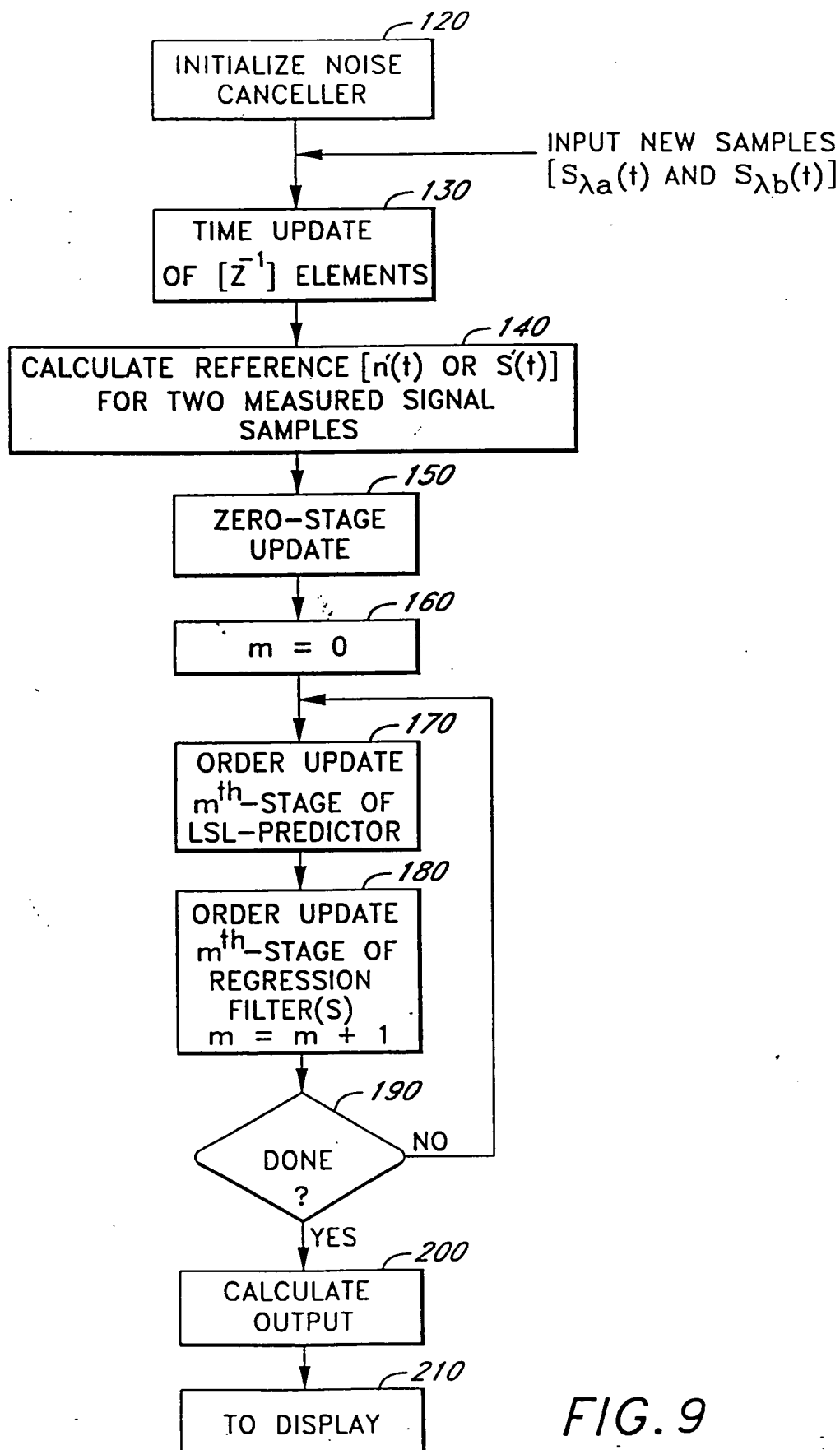
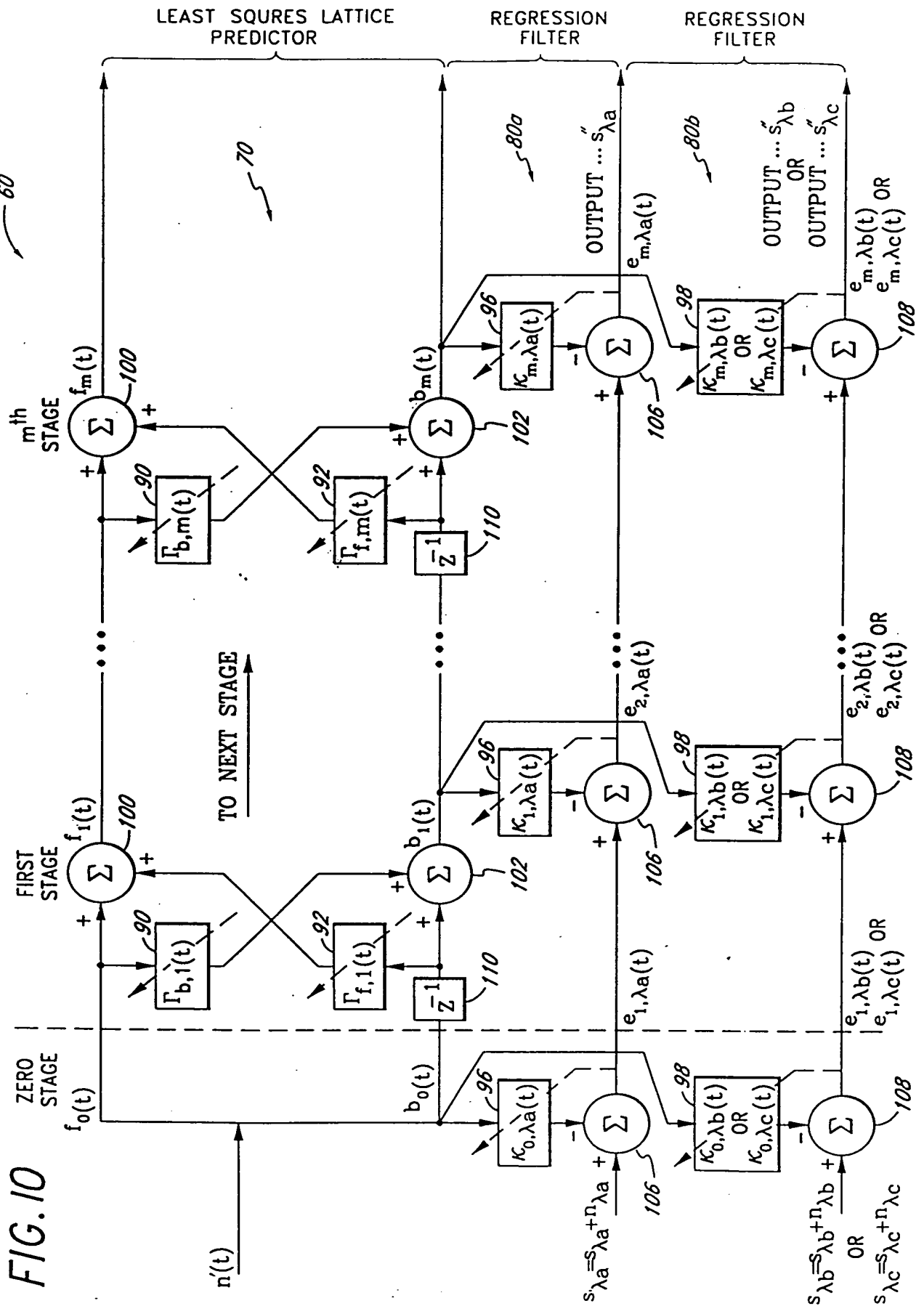


FIG. 9



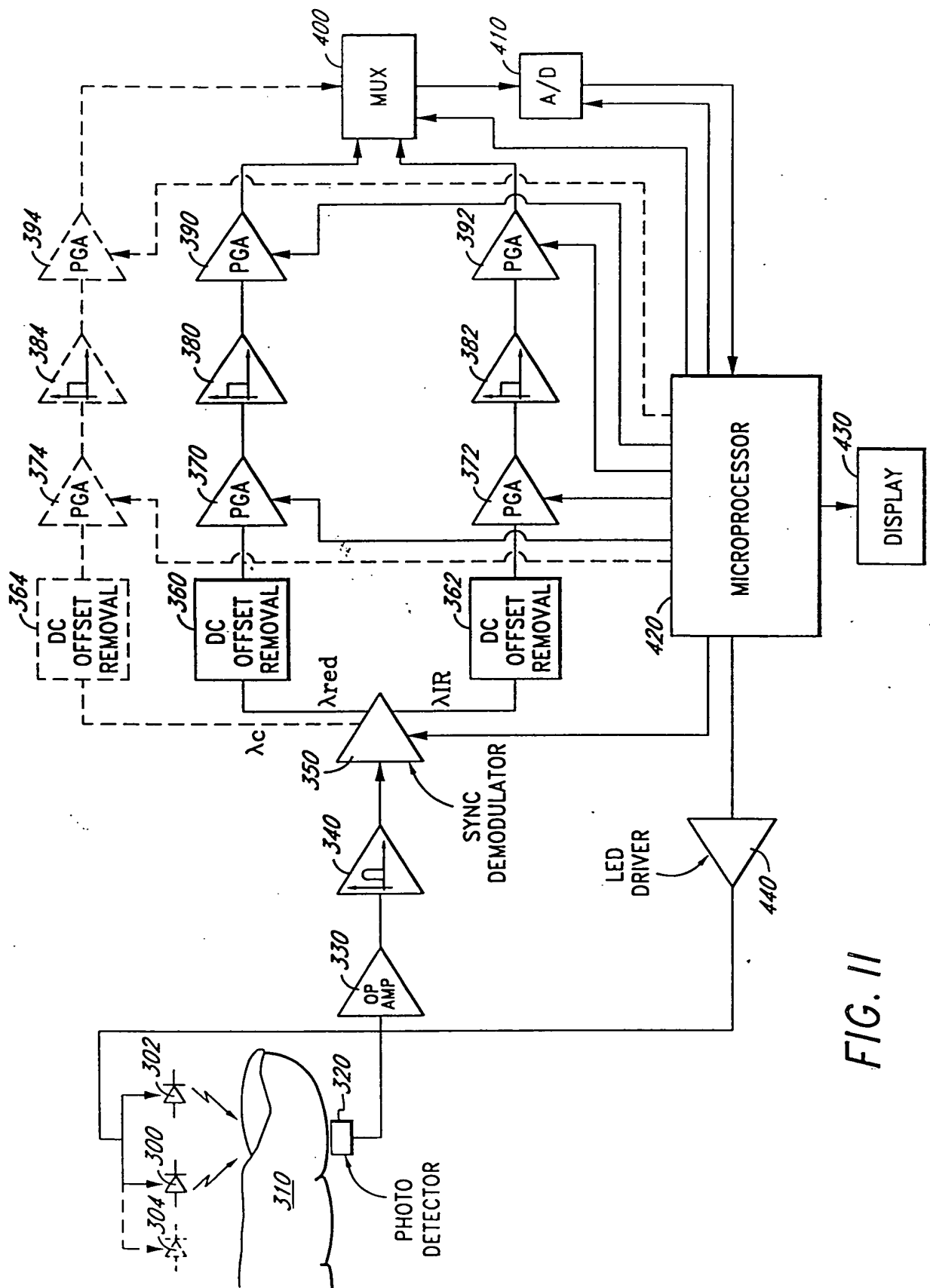


FIG. 11

002020-4097750

FIG. 12

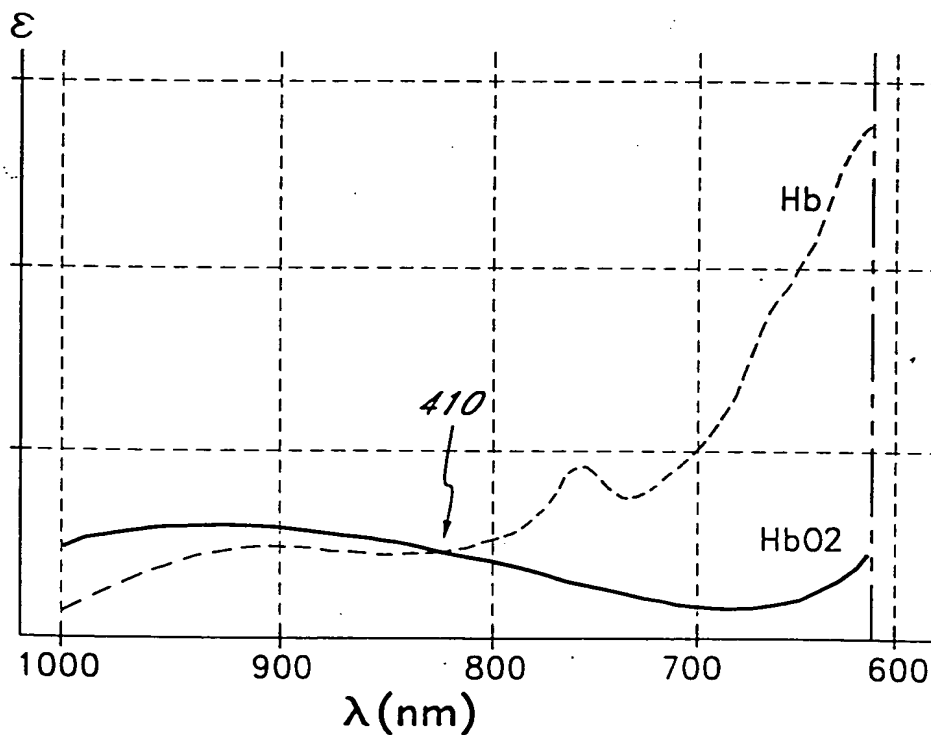
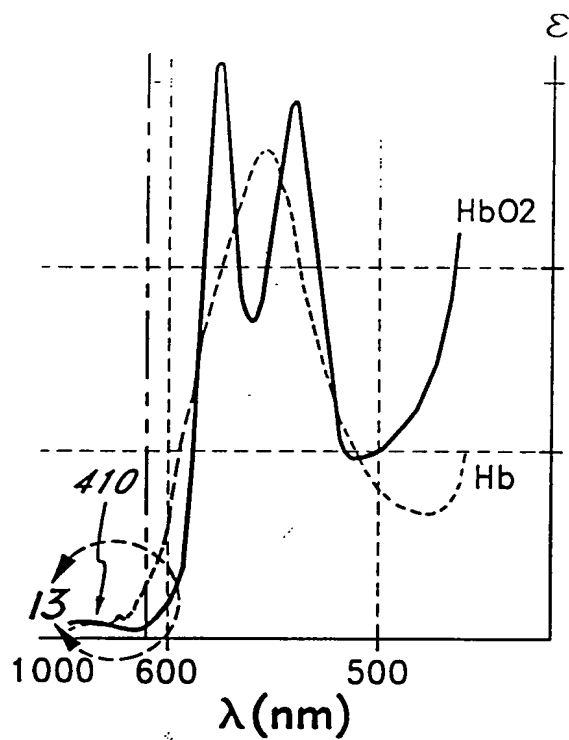


FIG. 14

862020"4097760

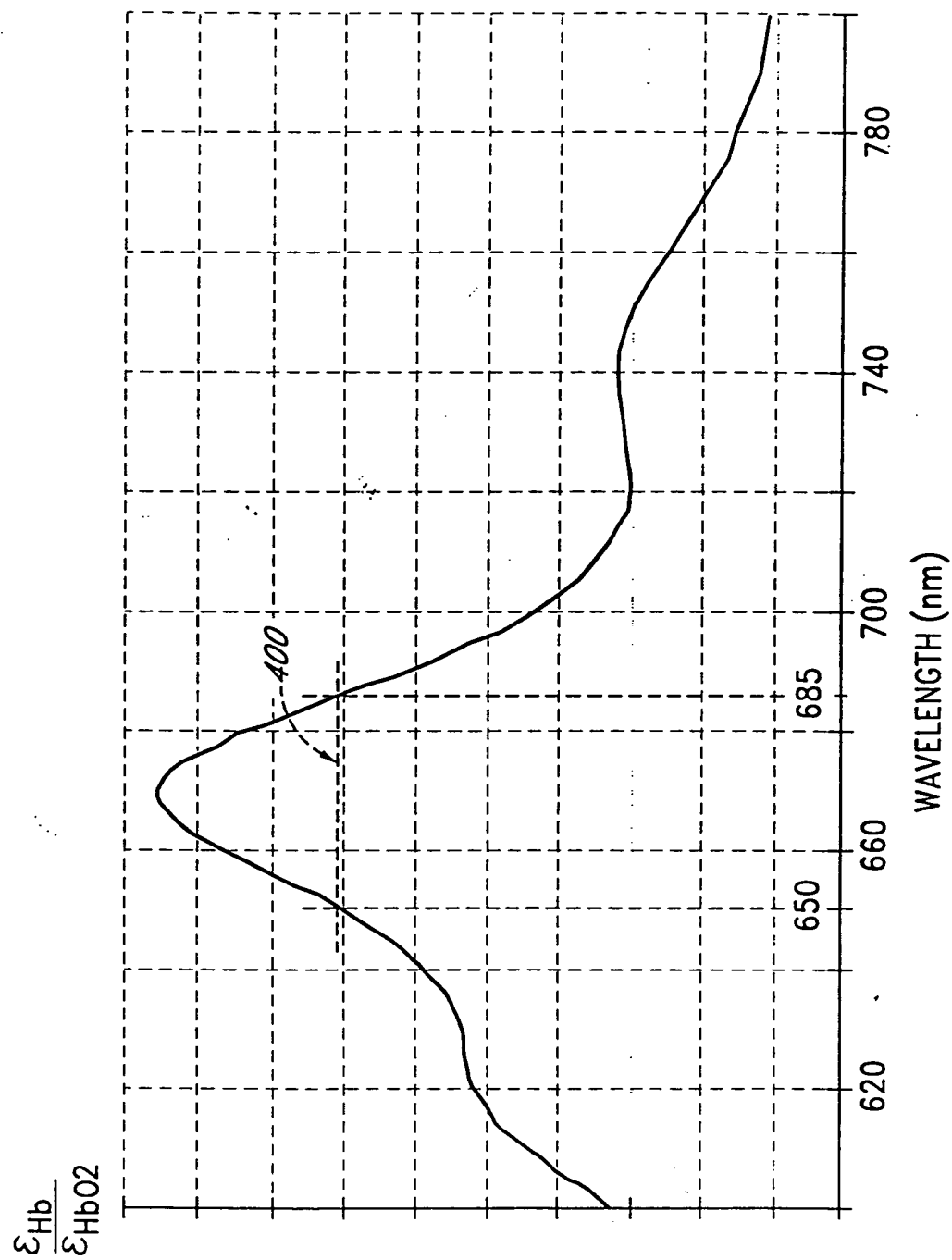
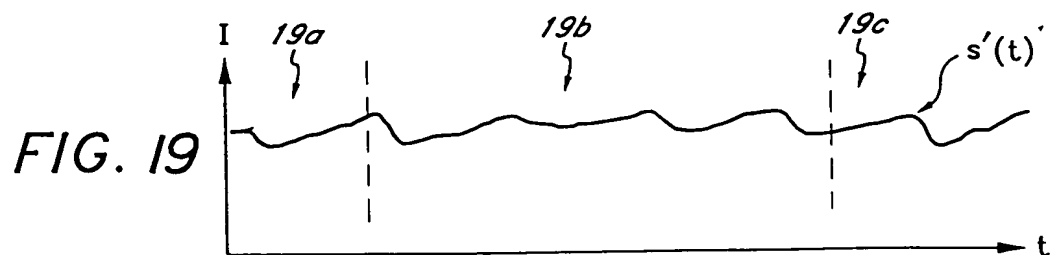
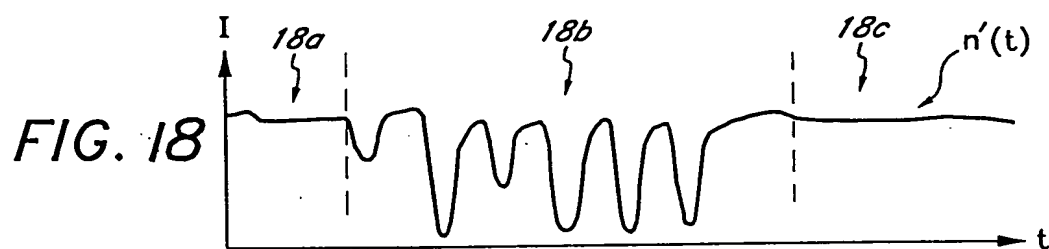
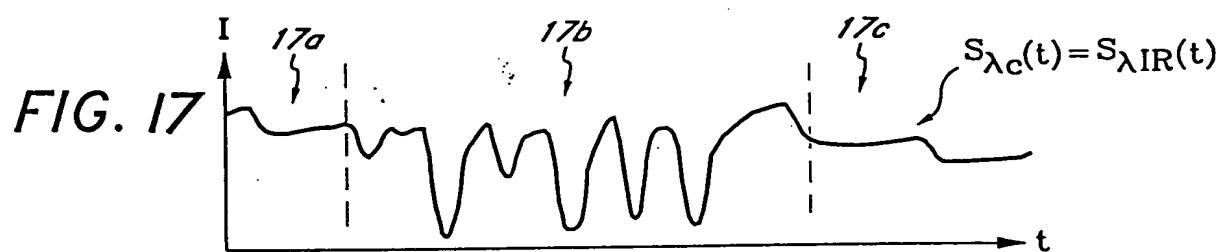
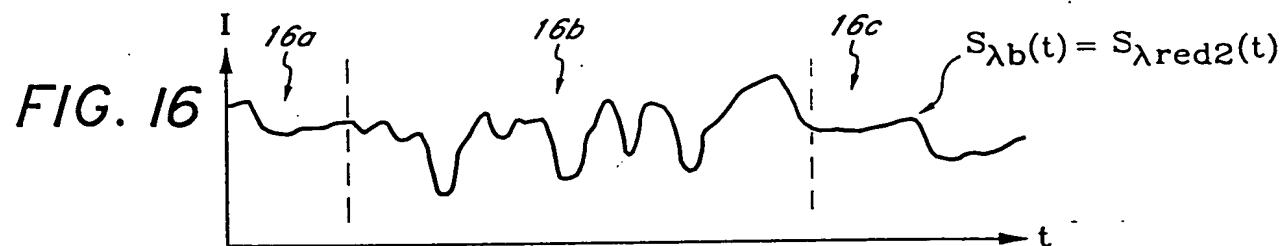
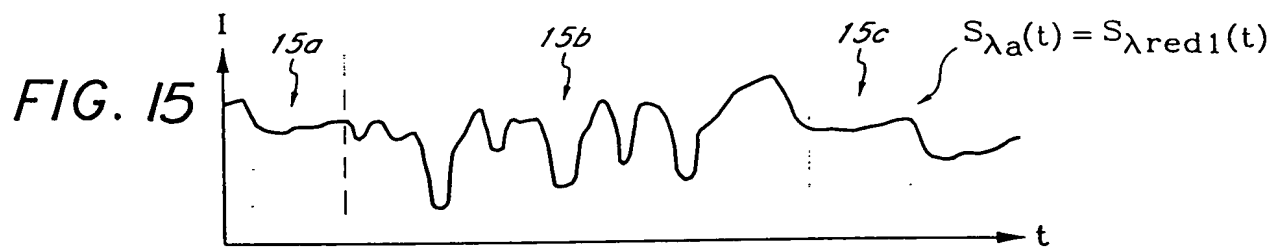
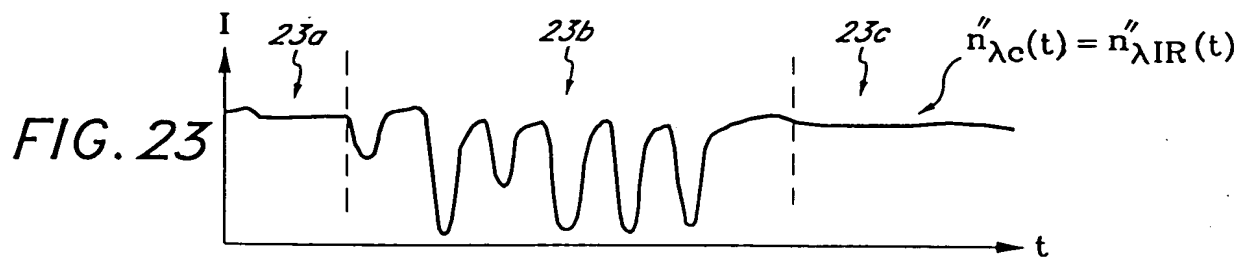
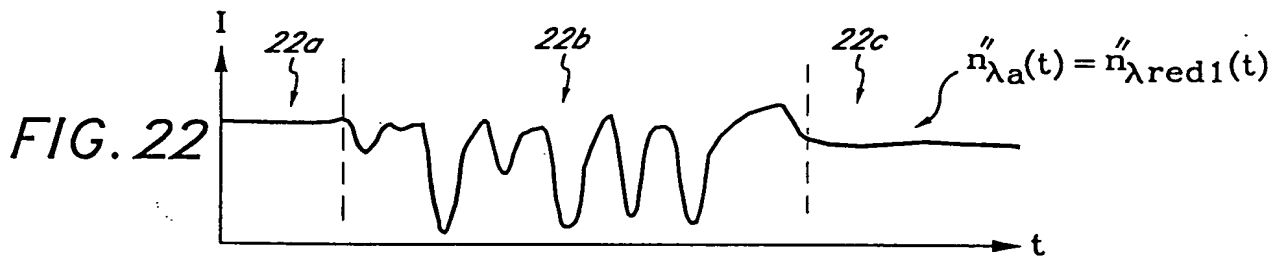
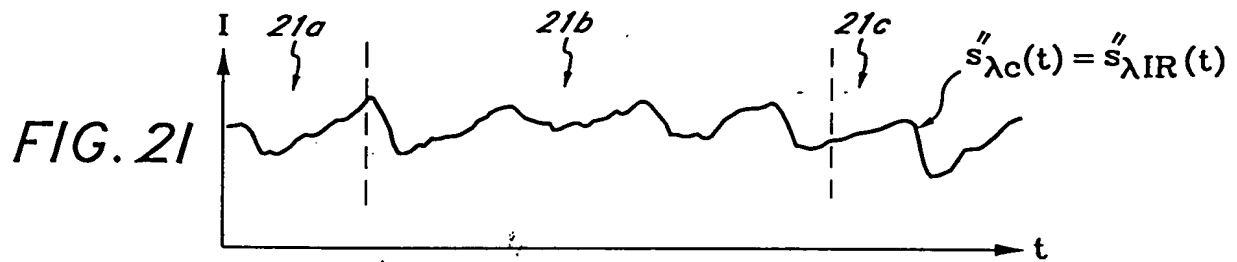
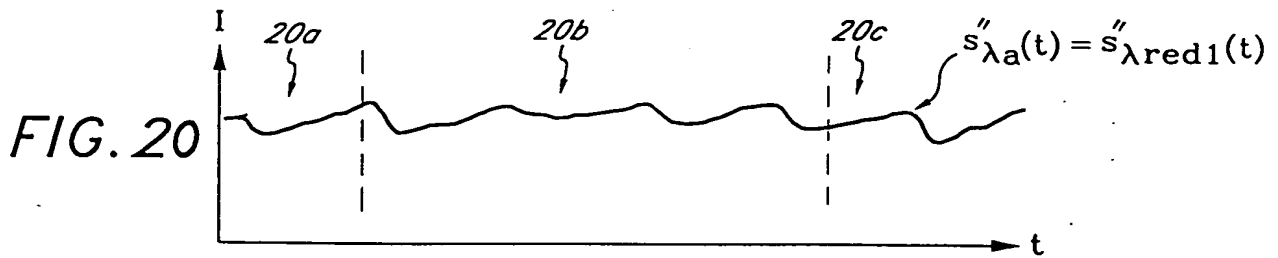
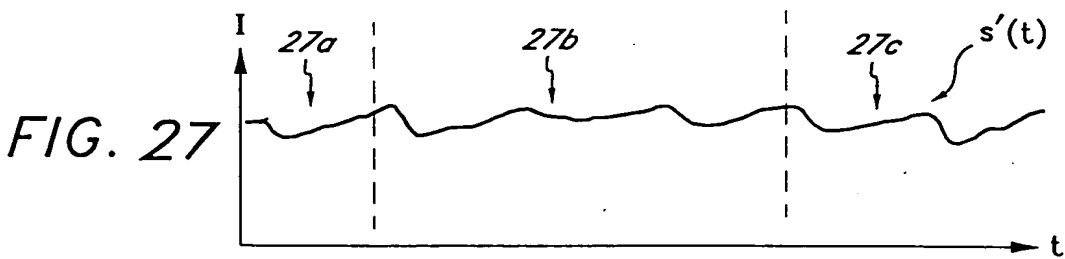
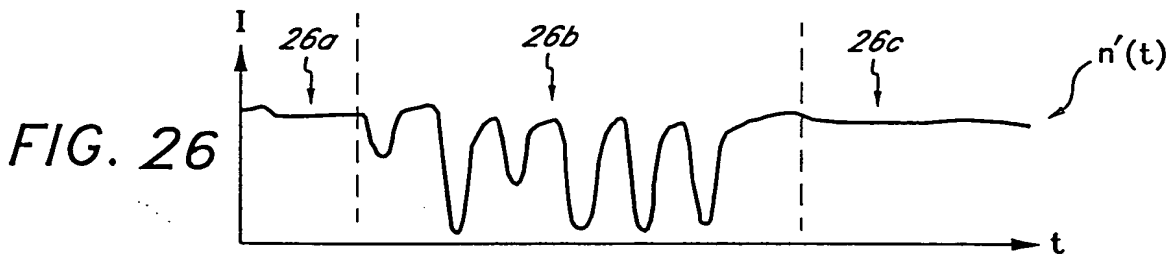
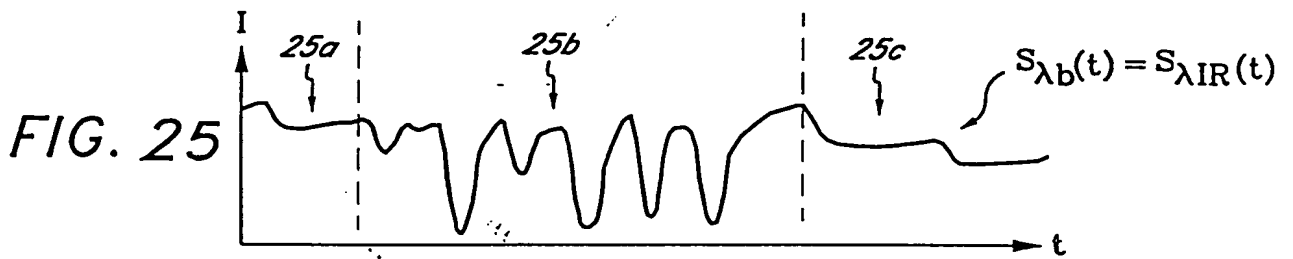
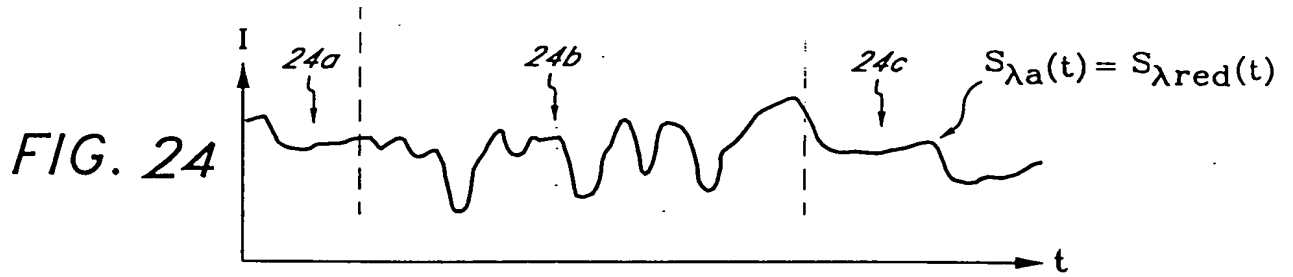


FIG. 13

864040-409TT60







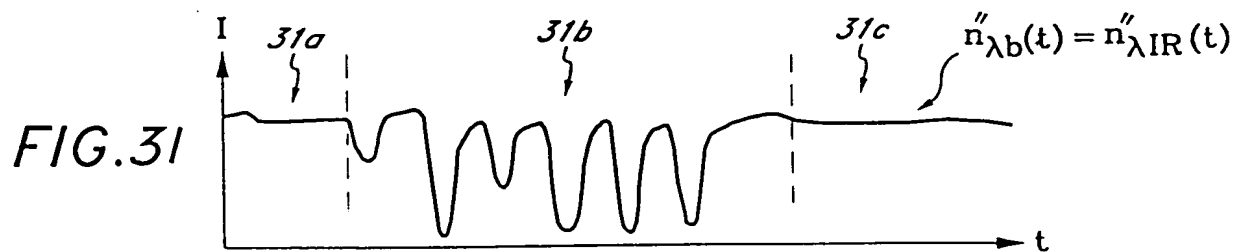
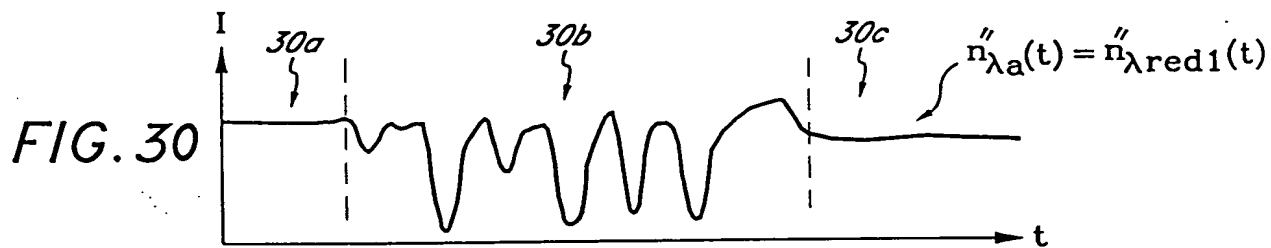
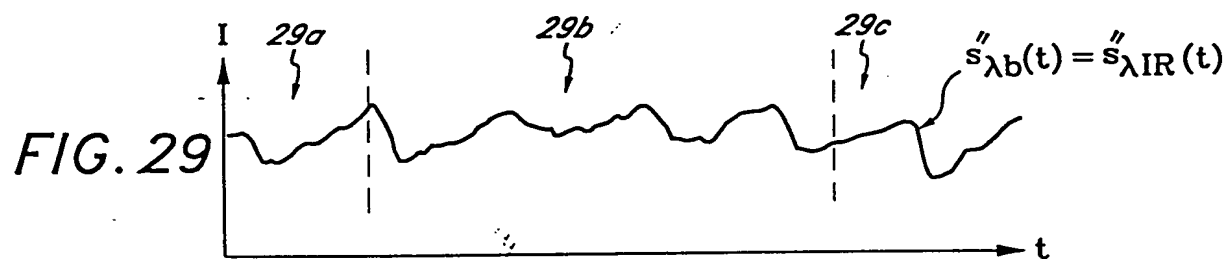
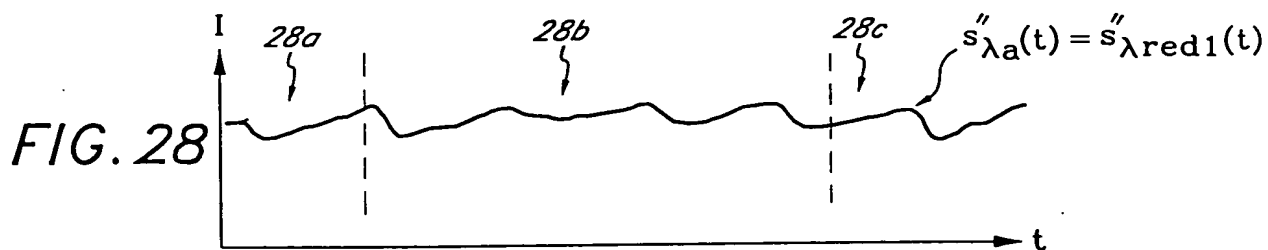


FIG. 32

